



Data Collection Tools

Data Collection Tools

Organizational Chart: an organizational chart is a diagram that shows the structure of an organization and the relationships and relative ranks of its parts and positions.



Data Collection Tools

Brainstorming Chart: start with the problem and branch off with as many solutions as you can think possible. Remember, it's a brainstorming process so all ideas count.



Data Collection Tools

Decision Matrix: a way to weight and rate information on a 1-5 scale to produce a score. The higher the score the better.

| Criteria | Weight | Option 1 | Option 2 | Option 3 | Option 4 | Option 5 | Weighted Score |
|--------------|--------|----------|----------|----------|----------|----------|----------------|
| Cost | 30% | 1 | 2 | 3 | 4 | 5 | 1.5 |
| Quality | 20% | 2 | 3 | 4 | 5 | 1 | 2.0 |
| Time | 15% | 3 | 4 | 5 | 1 | 2 | 2.25 |
| Flexibility | 10% | 4 | 5 | 1 | 2 | 3 | 1.0 |
| Support | 10% | 5 | 1 | 2 | 3 | 4 | 1.0 |
| Reliability | 10% | 2 | 1 | 3 | 4 | 5 | 1.0 |
| Total | | | | | | | 8.75 |

Data Collection Tools

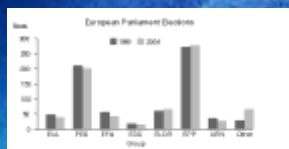
Table: a table consists of an ordered arrangement of rows and columns.

Spreadsheet: same as a table except you can insert numerical data and formulas.

| | Column 1 | Column 2 | Column 3 | Column 4 | Column 5 |
|-------|----------|----------|----------|----------|----------|
| Row 1 | | | | | |
| Row 2 | | | | | |
| Row 3 | | | | | |

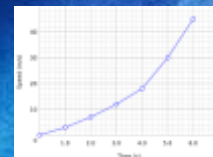
Data Collection Tools

Bar Graph: a bar graph uses bars to show frequencies or values for different categories.



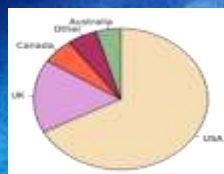
Data Collection Tools

Line Chart: a line chart shows the order of observations made, connected by a line.



Data Collection Tools

Pie Chart: a pie chart shows percentage values as a slice of a pie.



Data Collection Tools

Gantt Chart: a popular type of bar chart that illustrates a project schedule.

